

JC867 U.S. PTO  
10/25/01

01-02-02

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF EXPRESS MAILING**

I certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on October 25, 2001 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EL998675284US addressed to the Commissioner for Patents, Washington, DC 20231.

Mary Tran

Attorney Docket No.: ALTRP063/A579

First Named Inventor: LANGHAMMER

J1040 U.S. PTO  
10/03/2001



**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**

(Regular application claiming priority of a provisional)

Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Martin Langhammer**

For: **EFFICIENT METHOD FOR TRACEBACK DECODING OF TRELLIS (VITERBI) CODES**

Assigned to: Altera Corporation

Priority of U.S. Provisional Application No. 60/245,880 filed on November 3, 2001 is claimed under 35 U.S.C. § 119(e).

Application Elements:

- 36 Pages of Specification, Claims and Abstract
- 13 Sheets of formal Drawings
- Combined Declaration and Power of Attorney
- 2 pages of Separate Declaration

Accompanying Application Parts:

- Do not publish this application. Nonpublication Request is attached.
- Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- Separate Power of Attorney by Assignee
- 37 CFR 3.73(b) Statement by Assignee
- Information Disclosure Statement with Form PTO-1449
  - Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard

### Claim For Foreign Priority

Priority of Application No. filed on  
is claimed under 35 U.S.C. § 119.  
 The certified copy is enclosed.  The certified copy will follow.

Amend the specification by inserting before the first line the sentence:

"This application claims the benefit of U.S. Provisional Application No. filed on , the disclosure of which is incorporated herein by reference."

### Fee Calculation (37 CFR § 1.16)

Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

	(Col. 1) Total Claims		(Col. 2) Claims	(Col. 3) Present Extra	Rate	Additional Fee
TOTAL	36	MINUS	20	= 16	x 18 =	288.00
INDEP.	6	MINUS	3	= 3	x 84 =	252.00
[ ] First presentation of multiple dependent claim						\$280 =
Basic Filing Fee under 37 C.F.R. §1.16(a)						\$740 = 740.00
						TOTAL \$1,280.00
SMALL ENTITY 50% FILING FEE REDUCTION (if applicable)						

Check No. 4892 in the amount of \$1,320.00 is enclosed.

The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. ALTRP063).

### General Authorization for Petition for Extension of Time (37 CFR §1.136)

Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. ALTRP063).

Please send correspondence to the following address:

**Customer Number 022434**



Date: October 25, 2001



Russell N. Swerdon  
Registration No. 36,943

Please send all correspondence for this application as follows:

**Russell N. Swerdon**  
BEYER, WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778

Please direct any calls to the same at (510) 843-6200.

Pursuant to 37 C.F.R. § 3.73, assignee certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee. Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and correct copy of which is attached hereto.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

**ALTERA CORPORATION**

Date 10/8/01

  
C. Wendell Bergere  
Vice President, General Counsel and Secretary

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Martin Langhammer

Attorney Docket No.: ALTRP063/A579

Application No.: Please assign

Examiner: Unassigned

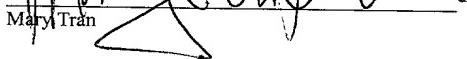
Filed: Herewith

Group: Unassigned

**Title: EFFICIENT METHOD FOR  
TRACEBACK DECODING OF TRELLIS  
(VITERBI) CODES**

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Mary Tran

**NONPUBLICATION REQUEST AND CERTIFICATION  
(35 U.S.C. 122(b)(2)(B)(i))**

Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: 10-25-01

  
Russell N. Swerdon  
Registration No. 36,943
**NOTE:**

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications, eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign of international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).